

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

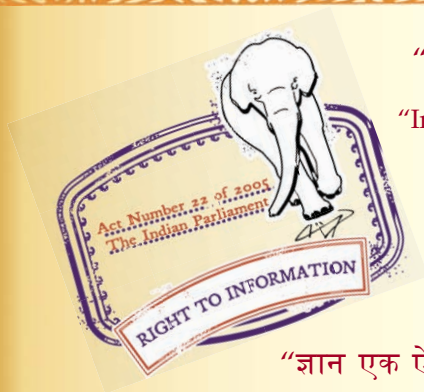
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 2647 (1964): Cheese Mill [FAD 19: Dairy Products and Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

SPECIFICATION FOR CHEESE MILL

(Second Reprint APRIL 1990)

UDC 637.332.2

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(Continued on page 2)

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Polson Limited, Bombay

Ministry of Food & Agriculture
In personal capacity (*Allahabad Agricultural Institute, Allahabad*)

Indian Standard

SPECIFICATION FOR CHEESE MILL

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 30 March 1964, after the draft finalized by the Dairy Industry Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 The cheese mill is used for milling curd into small pieces for preparing cheese.

0.3 Wherever a reference to any Indian Standard appears in this specification, it shall be taken as a reference to the latest version of the standard.

0.4 Metric system has been adopted in India and all quantities and dimensions in this standard have been given in this system.

0.5 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS : 2-1960 Rules for Rounding Off Numerical Values (*Revised*). The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

0.6 This standard is intended chiefly to cover the technical provisions relating to cheese mill, and it does not include all the necessary provisions of a contract.

1. SCOPE

1.1 This standard prescribes the requirements for power driven cheese mill.

2. GENERAL DESCRIPTION

2.1 The cheese mill shall consist of a rectangular hopper at the lower end of which runs a motor driven cutter of the fan type. The hopper shall be mounted on a stand.

3. DESIGN AND DIMENSIONS

3.1 The cheese mill shall generally conform to the design and dimensions given in Fig. 1. Variations in design and dimensions shall be permitted provided that the construction is rigid, amenable for easy cleaning and satisfies the general description and functions efficiently.

4. MATERIALS

4.1 The hopper and the fan cutter as well as all parts which come in contact with curd shall be made of stainless steel grade 07Cr19Ni9 of IS : 1570-1961 Schedules for Wrought Steels for General Engineering Purposes. The frame work of the stand shall be made of mild steel.

5. FABRICATION

5.1 The hopper shall be built up to shape from stainless steel sheets by welding. The jaws of the cutter shall be soundly welded to the shaft pipe. The shaft pipe shall be mounted on bearings

fitted to plumber blocks. The shaft pipe shall be connected to the motor by suitable arrangements. The hopper and the fan cutter assembly shall be mounted on a tubular or any other suitable type frame of rigid and sturdy construction.

6. FINISH

6.1 The hopper and the fan cutter shall be smoothly finished and well polished. The weldings shall be free from porosity and brittleness.

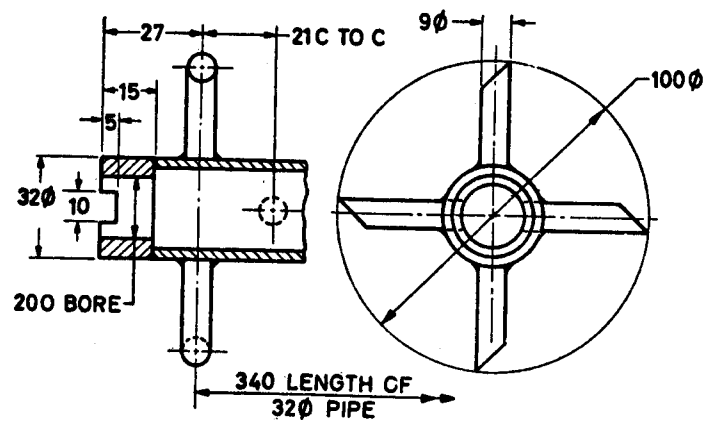
7. MARKING

7.1 The cheese mill shall be marked legibly and permanently with the following particulars:

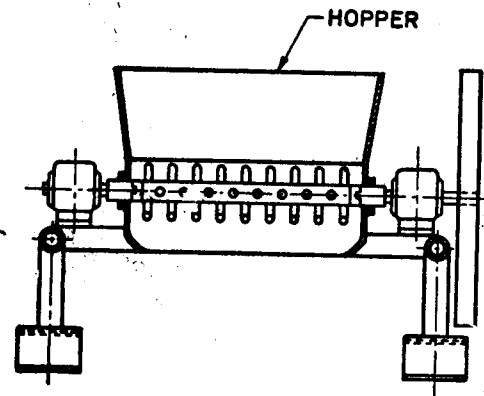
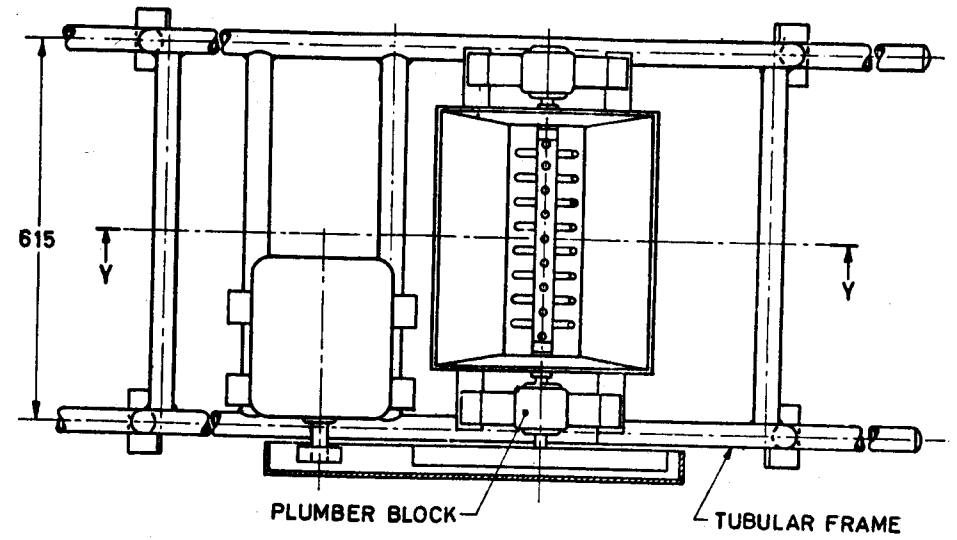
- a) Manufacturer's name or trade-mark or initials, if any; and
- b) Year of manufacture.

7.1.1 Each cheese mill may also be marked with the ISI Certification Mark.

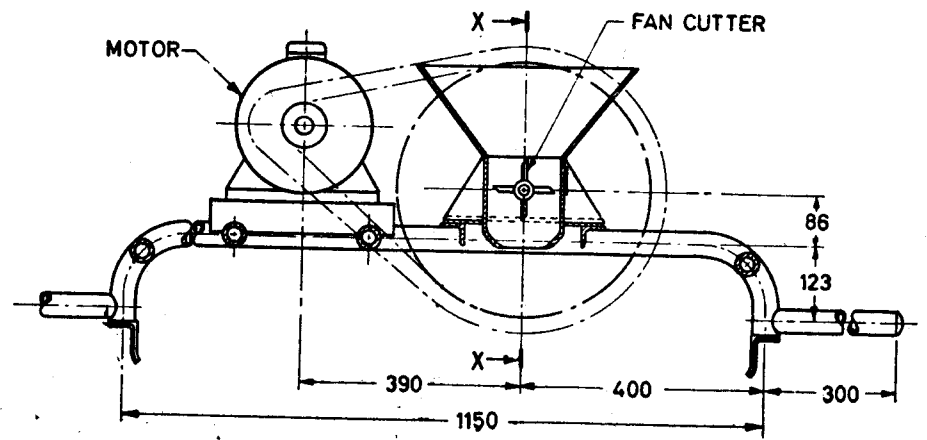
NOTE — The use of the ISI Certification Mark is governed by the provisions of the Indian Standards Institution (Certification Marks) Act and the Rules and Regulations made thereunder. The ISI Mark on products covered by an Indian Standard conveys the assurance that they have been produced to comply with the requirements of that standard under a well-defined system of inspection, testing and quality control which is devised and supervised by ISI and operated by the producer. ISI marked products are also continuously checked by ISI for conformity to that standard as a further safeguard. Details of conditions under which a licence for the use of the ISI Certification Mark may be granted to manufacturers or processors, may be obtained from the Indian Standards Institution.



DETAIL OF FAN CUTTER



SECTION XX



SECTION YY

Dimensions are approximate, and in millimetres.

FIG. 1 A TYPICAL DESIGN OF A CHEESE MILL